IT’S TIME FOR EFFICIENT 3D DIAGNOSIS

X MIND prime

ACTEON
3D Diagnosis is more accessible than ever with a smart & compact solution.

**3D Diagnosis is more accessible than ever with a smart & compact solution.**

- **X-MIND® Prime** is a smart solution, providing high-technology capabilities and simplicity of use.
- This ingenious unit offers all essential diagnostic tools in a cost effective package.

- **1** minute to edit your implant report with the intuitive AIS software.
- **1** to **1** Face-to-face patient positioning.
- **0** Footprint space with the innovative wall mounted system.
- **100%** Mac® and Windows® compatible with AIS software.

**X-MIND® Prime** is a smart solution, providing high-technology capabilities and simplicity of use. This ingenious unit offers all essential diagnostic tools in a cost effective package.
PROVIDE A COMPREHENSIVE CLINICAL OVERVIEW

IMPLANTOLOGY CLINICAL CASE

FROM DIAGNOSIS TO TREATMENT, REMOVE THE GUESSWORK

1. INITIAL SITUATION
Reconstructed panoramic
Complete analysis, no molar present in the third quadrant (lower left). The remaining molar (31-fourth quadrant, lower right) has to be extracted and the bridge has to be removed. Modification of the crown present on 29.

2. IMPLANT PLANNING
Full dental volume
Virtually add two implants on 19 and 18 to place molar on the third quadrant. Extraction of 31 and the crown (fourth quadrant) by two implants on 30, 31.

3. POST PROCEDURE
Patient follow-up with a panoramic exam

X-Mind® prime is a complete imaging solution combining panoramic and 3D X-rays, from general examination to specific treatment planning.

- Choose your 2D and 3D examination from a wide range of clinical applications
- Plan your treatment
- Efficiently communicate with your patient
RELY ON A COMPLETE SET OF PANORAMIC EXAMS

X-Mind® prime offers a full set of panoramic exams tailored to meet all your clinical applications. It provides all the panoramic exams required for general dentistry: dental panoramic, temporomandibular joints, sinuses.

DENTAL PANORAMIC
Complete overview of the mandible and maxilla, maxillary sinuses, temporomandibular joints and supporting structures.

MAXILLARY SINUSES
Raised image in order to increase the visibility of the sinus and the apices of the upper teeth.

TEMPOROMANDIBULAR JOINT
Examination can be carried out with the mouth either open or closed.

OTHER SPECIFIC PROGRAMS ARE AVAILABLE SUCH AS HALF-PANORAMIC, IMPROVED ORTHOGONAL PANORAMIC, DETAILED FRONTAL DENTITION, LOW-DOSE PANORAMIC AND BITEWING.

CHILD PANORAMIC
Protect your patient by reducing the exposed area and time.

HALF-PANORAMIC
Left & Right
Reduce the exposed area and focus on the region of interest.

BITEWING
Left & Right
Single or bilateral bitewing views.

FRONTAL
Limit the exposure to the front of the arches.
STEP INTO 3D IMAGING AND EXPAND YOUR CLINICAL APPLICATIONS

EFFICIENT 3D SOLUTION WITHIN EVERYONE’S REACH

X-Mind® prime 3D offers a multitude of acquisition programs thanks to its multiple FOV (12x10cm, 8.5x9.3cm, 8.5x5cm, and 5x5cm). Once you select the region of interest of the examination, the settings and dose are automatically adjusted.

SEVERAL FOV FOR MANY APPLICATIONS

- Full dentition
- Single jaw (maxillary / mandibular)
- Maxillary teeth (right molars/right premolars/incisor/left molars/left premolars)
- Mandibular teeth (right molars/right premolars/incisor/left molars/left premolars)
- TMJ (right/left)
- Sinus
- Sinuses caused by multiple dental infections - 5x5cm
- Full volume for pathological research - 8.5x5cm
- Full dentition and sinus volume - 12x10cm
- Frontal maxillary (5 x 5cm)
- TMJ analysis - 8.5x9.3cm
- Mandibular volume (8.5 x 5cm)
- Full volume for pathological research - 8.5x5cm

SCAN 3D OBJECTS

X-Mind® prime’s dedicated holder allows for scans of 3D models in various materials and designs (impressions, stone models, appliances, etc.). Easily export data in STL format!
DIAGNOSE WITH THE HIGHEST QUALITY 2D & 3D IMAGES

LARGE DIVERSITY OF APPLICATIONS

X-Mind® prime provides many applications dedicated to the needs of both specialists and general practitioners.

- Evaluate detailed morphology of bone tissue
- Explore the maxillary sinus
- Examine maxillofacial diseases
- Detect dental anomalies
- Determine the protocol to extract impacted teeth
- Diagnose temporomandibular joint disorders
- Maxillary sinus analysis
- Cyst on fourth quadrant (lower right), with bone destruction
- Bone loss on 9, 10, 14
- Apical lesion on 10 with bone destruction and extended to 9
- Impacted canine (6)
- Left TMJ

ACCURATE IMAGES FOR IMPROVED DIAGNOSIS

With a minimum voxel size of 87.5 μm, you will get detailed three-dimensional reconstructions, able to highlight the smallest anatomical elements.
COMPLETE YOUR DIAGNOSIS & TREATMENT PLANNING WITH SPEED & EFFICIENCY

OPTIMIZE YOUR DIAGNOSIS TIME WITH POWERFUL, INTUITIVE AND HIGH-PRECISION SOFTWARE

ADVANCED FUNCTIONALITY FOR INTUITIVE NAVIGATION

AIS software allows you to manage panoramic and CBCT images from acquisition to viewing.

- Implant planning
- Crown placement
- Mandibular nerve tracing
- Easy navigation in different sections
- Surface, distance and angle measurement
- Substantial and scalable implant library
- Printed implant report

- Sharing of information on a network
- Cases exported on a CD or USB stick
- Export in STL format
- Metal artifact reduction filter
- Panoramic and cephalometric image detail optimization filter
- ENT module
- Virtual endoscope
- Integrates with various patient management software
- DICOM compatible

Superior design
Clean lines
User-friendly
Open architecture
Full integration
Advanced functionalities

WINDOWS® COMPATIBLE
TWAIN® COMPATIBLE
DICOM COMPATIBLE
EXPTS TO STL FORMAT

Mac

X-Mind prime
AIS WINDOW S
X-Mind trium driver
AIS 3D App
SOPIX drive r
PSPIX2 driver
PRINTER
Camera driver
PSPIX2 driver
AIS 3D App
AIS OSX
driver
AIS 3D App
PSPIX2
EASILY PLAN YOUR TREATMENT WITH A DIGITAL WORKFLOW

IMPLANT PLANNING MADE EASY

Delivered with the smart AIS software, X-Mind® prime is an essential tool for treatment planning and post-procedure follow-up.

- Draw a panoramic curve

- Localize the implant and the mandibular canal

- Trace the mandibular canal and measure the distance between the upper canal boundary and the upper mandibular crestal bone

- The Dual scan protocol will help you better position the implants in regards to the soft tissues due to the overlapping function. Scan the patient appliance with the X-Mind® prime’s 3D scan objects feature. Generate its surface and export it in STL file. Then this file will be used for the matching with the patient scan.

- Select the correct implant from a large library

- Scan the patient appliance with the X-Mind® prime's 3D scan objects feature. Generate its surface and export it in STL file. Then this file will be used for the matching with the patient scan.

- Print your illustrated and complete implant report in less than a minute

- Place your implants

- Appliance surface generation

- Implant report
EASILY AND EFFICIENTLY POSITION YOUR PATIENT

To maximize productivity, X-Mind® prime is specifically designed to reduce the patient preparation time.

SMOOTH PATIENT POSITIONING

Natural face-to-face positioning supported by alignment lasers for correct patient positioning.

Whether sitting or standing at any height, the telescopic columns can be directly adjusted using the control panel.

X-Mind® prime open space configuration suits all types of patients and is easily accessible for wheelchair users with its zero footprint space.

SIMPLE CONTROL PANEL

The intuitive control panel smartly located below the chin support provides streamlined and precise patient positioning. Simple settings and quick examination lead to a more productive patient workflow.

Error-free patient positioning with automated chin rest support recognition.
Compactness is key. X-Mind® prime is a space-saving device: with its smart wall-mounted system, it will never get in your way.

Its exceptional light weight (only 148 lbs for the 3D configuration) and its reduced size makes X-Mind® prime adaptable. It will fit the narrowest space.

With zero footprint, X-Mind® prime will not reduce precious workspace within your practice.

X-Mind® prime is ready to install! Delivered completely assembled at your practice, you are all set-up in only one hour.

As simple as one box, one technician, two steps and that’s it!

It does not interrupt the daily work and operations of the office, helping you to save time.

Imaging Specialists are available to show you the clinical aspects and patient benefits of ACTEON® products.

Free, ongoing and unlimited technical service can be reached Monday to Friday during normal business hours.
## TECHNICAL SPECIFICATIONS

### X-Mind® prime 2D

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<tr>
<td>Panoramic (adult/child) - TMJ open/closed mouth in lateral projection - Maxillary sinuses (P-A) - Half panoramic (left/right) - Low dose panoramic - Frontal dentition - Ortho Rad Panoramic - Bitewing (left/right/double)</td>
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*Not available in Canada, where these volumes are limited to 80 x 80 mm or 80 x 50 mm.*

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X-Mind® prime is manufactured by Villa Sistemi Medici and distributed by ACTEON.